



NITFS Compliance Registration



Product: Joint Surveillance Target Attack Radar System Common Ground Station Ground

Date:

03 June 2002

Pre-Planned Product Improvement Common Software Baseline 1B

Expiration:

03 June 2004

Sponsor: Program Management Office, Joint Surveillance Target Attack Radar System

Registration #:

1015

Developed by: Dynamics Decisions Systems, Inc., Harris Corporation, Science Application

International Corporation, British Aerospace Electronics Systems, Inc.

☐ Initial Registration

☒ Supplemental/Update **#001**

☐ Derived from Reg. #

☒ **System**

N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **Product**

N-0105/98, §4.1.2

☐ **Component**

N-0105/98, §4.1.3

Format

☐ NITF

☒ v2.1

☒ v2.0

☒ v1.1

☐ NSIF

☐ v1.0

Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☐ MULTI

☐ NO DISPLY

☐ POLAR

Data Extension Segments

☐ PRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ OMAPA

☒ RPF

☐ LOCKA

Pixel Value Types

☒ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☐ JPEG Downsample

☒ JPEG Lossless

☐ JPEG 2000

☒ 8-Level

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

Annotation Segment Types

☒ Bit Mapped **

☒ CCM, 2301

☐ CCM, 2301A

☒ Labels **

Text Segments

☒ STA

☐ UT1

☐ U8S

☐ MTF

Configurations Tested:

- Sun Enterprise 4000 Server/Solaris 2.7

Joint STARS NITF Components:

- Exploitation Engine Client for Secondary Imagery Dissemination

- Graphical Component Secondary Imagery Dissemination

- TDP Image Processing and Exploitation Library

- CIB to NITF Component

- Image Post Processing Manager

- VITec ELT 5.9.2

CHRISTOPHER K. LONG, Acting Division Chief

Joint Interoperability Test Command

Executive Agent to National Imagery & Mapping Agency

for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.